

Claims

- [c1] An isolated polypeptide having at least 80% amino acid sequence identity to:
- (a) the amino acid sequence of the polypeptide shown in Figure 12 (SEQ ID NO:12);
 - (b) the amino acid sequence of the polypeptide shown in Figure 12 (SEQ ID NO:12), lacking its associated signal peptide;
 - (c) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 12 (SEQ ID NO:12);
 - (d) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 12 (SEQ ID NO:12), lacking its associated signal peptide; or
 - (e) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 209788.
- [c2] The isolated polypeptide of Claim 1 having at least 85% amino acid sequence identity to:
- (a) the amino acid sequence of the polypeptide shown in Figure 12 (SEQ ID NO:12);
 - (b) the amino acid sequence of the polypeptide shown in Figure 12 (SEQ ID NO:12), lacking its associated signal peptide;
 - (c) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 12 (SEQ ID NO:12);
 - (d) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 12 (SEQ ID NO:12), lacking its associated signal peptide; or
 - (e) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 209788.
- [c3] The isolated polypeptide of Claim 1 having at least 90% amino acid sequence identity to:
- (a) the amino acid sequence of the polypeptide shown in Figure 12 (SEQ ID NO:12);
 - (b) the amino acid sequence of the polypeptide shown in Figure 12 (SEQ ID NO:12), lacking its associated signal peptide;
 - (c) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 12 (SEQ ID NO:12);

(d)the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 12 (SEQ ID NO:12), lacking its associated signal peptide; or
(e)the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 209788.

[c4] The isolated polypeptide of Claim 1 having at least 95% amino acid sequence identity to:

(a)the amino acid sequence of the polypeptide shown in Figure 12 (SEQ ID NO:12);
(b)the amino acid sequence of the polypeptide shown in Figure 12 (SEQ ID NO:12), lacking its associated signal peptide;
(c)the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 12 (SEQ ID NO:12);
(d)the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 12 (SEQ ID NO:12), lacking its associated signal peptide; or
(e)the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 209788.

[c5] The isolated polypeptide of Claim 1 having at least 99% amino acid sequence identity to:

(a)the amino acid sequence of the polypeptide shown in Figure 12 (SEQ ID NO:12);
(b)the amino acid sequence of the polypeptide shown in Figure 12 (SEQ ID NO:12), lacking its associated signal peptide;
(c)the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 12 (SEQ ID NO:12);
(d)the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 12 (SEQ ID NO:12), lacking its associated signal peptide; or
(e)the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 209788.

[c6]

An isolated polypeptide comprising:

(a)the amino acid sequence of the polypeptide shown in Figure 12 (SEQ ID NO:12);

- (b) the amino acid sequence of the polypeptide shown in Figure 12 (SEQ ID NO:12), lacking its associated signal peptide;
- (c) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 12 (SEQ ID NO:12);
- (d) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 12 (SEQ ID NO:12), lacking its associated signal peptide; or
- (e) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 209788.

- [c7] The isolated polypeptide of Claim 6 comprising the amino acid sequence of the polypeptide shown in Figure 12 (SEQ ID NO:12).
- [c8] The isolated polypeptide of Claim 6 comprising the amino acid sequence of the polypeptide shown in Figure 12 (SEQ ID NO:12), lacking its associated signal peptide.
- [c9] The isolated polypeptide of Claim 6 comprising the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 12 (SEQ ID NO:12).
- [c10] The isolated polypeptide of Claim 6 comprising the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 12 (SEQ ID NO:12), lacking its associated signal peptide.
- [c11] The isolated polypeptide of Claim 6 comprising the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 209788.
- [c12] A chimeric polypeptide comprising a polypeptide according to Claim 1 fused to a heterologous polypeptide.
- [c13] The chimeric polypeptide of Claim 12, wherein said heterologous polypeptide is an epitope tag or an Fc region of an immunoglobulin.